Modification history

|  |  |
| --- | --- |
| Release | Comments |
| Release 1 | This version released with FBP Food, Beverage and Pharmaceuticals Training Package version 2.0. |

| FBPVIT2012 | Identify and treat nursery plant disorders |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to recognise common nursery plant disorders, monitor and record the severity of the disorder, and apply a range of treatments.  The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.  All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace. |
| Prerequisite Unit | Nil |
| Unit Sector | Viticulture (VIT) - Nursery |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Identify and prepare to treat plant disorders | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls with supervisor  1.2 Select and use appropriate personal protective clothing and equipment relevant to job role  1.3 Collect and check equipment for serviceability according to equipment operators’ instructions  1.4 Identify disorders commonly found in wine grape growing nurseries  1.5 Record and report details of disorder according to workplace procedures  1.6 Select treatment method as instructed  1.7 Ensure materials are ready to meet requirements |
| 2. Treat disorders | 2.1 Undertake work in accordance with relevant material safety data sheets (MSDS) and workplace environmental guidelines  2.2 Prepare treatments safely according to instructions  2.3 Prepare equipment according to operators’ instructions  2.4 Apply treatments according to workplace practices  2.5 Identify, rectify or report problems and anomalies according to workplace procedures |
| 3. Carry out post-treatment operations | 3.1 Collect and dispose of waste according to workplace practices and environmental regulations  3.2 Shut down, clean and store equipment according to operator instructions  3.3 Record workplace information according to workplace procedures |

| Foundation Skills  This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. | |
| --- | --- |
| Skill | Description |
| Reading | * Reads and interprets instructions and procedures for identifying and treating disorders and consolidates information to determine requirements |
| Writing | * Prepares relevant reporting and other documentation using clear language, correct spelling and industry terminology |
| Numeracy | * Performs basic calculations for, estimating, measuring and mixing materials for treating disorders |
| Oral Communication | * Uses clear language and oral concepts when clarifying and confirming work requirements and treatments |
| Navigate the world of work | * Recognises organisational and regulatory expectations and follows explicit protocols and procedures within defined level of responsibility |
| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary * Makes low-impact decisions around immediate clearly defined tasks * Recognises and acts on opportunities for continuous improvement in accordance with workplace practices |

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT2012 Identify and treat nursery plant disorders | FDFWGG2012A Identify and treat nursery plant disorders | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity | Equivalent unit |

|  |  |
| --- | --- |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet -https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |

| TITLE | Assessment requirements for FBPVIT2012 Identify and treat nursery plant disorders |
| --- | --- |
| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  There must be evidence that the individual has identified and treated at least two different plant disorders commonly found in wine grape growing, including:   * complying with work health and safety and environmental policies and procedures, including: * using personal protective equipment * reading and interpreting Material Safety Data Sheets (MSDS) * following other specified work health and safety procedures, including safe handling of chemicals * identifying common plant disorders and implementing corrective actions * selecting, mixing and applying treatments according to instructions * recording treatments according to workplace requirements. | |

| Knowledge Evidence |
| --- |
| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:   * work health and safety (WHS) hazards and controls: * purpose and application of personal protective clothing and equipment * safe preparation and handling of chemicals * correct operating procedures for equipment used to treat disorders: * safe and effective handling of equipment * preparing equipment * calibrating equipment * cleaning equipment * applying particular settings * safety and environmental regulations affecting the use of chemicals for treating disorders: * environmental issues and controls * using appropriate cleaning techniques * identifying, rectifying and reporting environmental non-compliance * characteristics of common vine disorders: * common plant disorders occurring in vine nurseries * life cycles of common vine disorders * different types of control measures and their uses including, integrated pest management (IPM) * implementing appropriate control measures * procedures for preparing treatments: * setting up application equipment * measuring treatment rates * mixing treatments to ensure homogenous mix * interpreting treatment label information * interpreting Material Safety Data Sheet (MSDS) information * procedures and responsibilities for reporting problems and anomalies * reporting and recording requirements and procedures * principles of nursery hygiene * cleaning requirements and procedures for work area and equipment * waste disposal requirements and procedures. |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions:   * physical conditions: * a workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * personal protective clothing and equipment used for treating vine disorders * equipment, services and corresponding information * products and materials to be treated * equipment cleaning procedures and materials * documentation and recording requirements and procedures * specifications: * work procedures, including advice on company practices, safe work practices, quality and environmental requirements * legislative and local quarantine regulations and codes of practice * instructions, information, specifications and schedules.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

|  |  |
| --- | --- |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4> |